

Textiles in the healthcare system

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-ENV 14237:2008 sisaldab Euroopa standardi ENV 14237:2002 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 25.09.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 10.07.2002.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-ENV 14237:2008 consists of the English text of the European standard ENV 14237:2002.

This standard is ratified with the order of Estonian Centre for Standardisation dated 25.09.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 10.07.2002.

The standard is available from Estonian standardisation organisation.

ICS 11.140, 59.080.30

Võtmesõnad: definition, definitions, medical equipment, medical products, product informations, properties, public health, specification (approval), specifications, testing, textiles

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ICS 11.140; 59.080.30

English version

Textiles in the healthcare system

Textiles utilisés dans le domaine de la santé

Textilien im Gesundheitswesen

This European Prestandard (ENV) was approved by CEN on 14 March 2002 as a prospective standard for provisional application.

The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard.

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Foreword

This document ENV 14237:2002 has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

In this standard the annex A is normative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this European Prestandard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Prestandard provides a specification for unused textiles in the healthcare system when placed on the market.

The properties, references and requirements are shown in Table 1 to 8.

1 Scope

This European Prestandard specifies basic requirements and test methods for unused textiles in the healthcare system to help to secure the suitability of a product for its intended use.

It is recognised that materials are currently available which outperform this standard; these listed minimums are designed to assure that an acceptable performance is attained.

This European Prestandard is not applicable to surgical textiles under the medical devices directive nor protective clothing under the PPE directive.

2 Normative references

This European Prestandard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Prestandard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 410, *Glass in building — Determination of luminous and solar characteristics of glazing*.

EN 1103, *Textiles — Burning behaviour — Fabrics for apparel — Detailed procedure to determine the burning behaviour of fabrics for apparel*.

EN 1644-1:1997, *Test methods for nonwoven compresses for medical use — Part 1: Nonwovens used in the manufacture of compresses*.

EN 12590, *Textiles — Industrial sewing threads made wholly or partly from synthetic fibres*.

prEN 13773, *Textiles and textile products – Curtains and drapes – Burning behaviour – Classification scheme*.

EN 20139, *Textiles — Standard atmospheres for conditioning and testing (ISO 139:1973)*.

EN 25077, *Textiles — Determination of dimensional change in washing and drying (ISO 5077:1984)*.

EN ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing (ISO 6330:2000)*.

prEN ISO 13936-1, *Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 1: Fixed opening method (ISO/DIS 13936-1:1998)*.

prEN ISO 13936-2, *Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 2: Fixed load method (ISO/DIS 13936-2:1998)*.

EN ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:1994, including amendment 1:1998)*.

EN ISO 105-C06, *Textiles — Tests for colour fastness — Part C06: Colour fastness to domestic and commercial laundering (ISO 105-C06:1994)*.

EN ISO 105-E04, *Textiles — Tests for colour fastness — Part E04: Colour fastness to perspiration (ISO 105-E04:1994)*.

EN 20105-N01, *Textiles — Tests for colour fastness — Part N01: Colour fastness to bleaching: Hypochlorite (ISO 105-N01:1993)*.

EN ISO 105-N02, *Textiles — Tests for colour fastness — Part N02: Colour fastness to bleaching: Peroxide (ISO 105-N02:1993).*

EN ISO 105-P01, *Textiles — Tests for colour fastness — Part P01: Colour fastness to dry heat (excluding pressing) (ISO 105-P01:1993).*

EN ISO 105-X12, *Textiles — Tests for colour fastness — Part X12: Colour fastness to rubbing (ISO 105-X12:1993).*

EN ISO 9237, *Textiles — Determination of permeability of fabrics to air (ISO 9237:1995).*

EN ISO 12945-1, *Textiles — Determination of fabric propensity to surface fuzing and to pilling — Part 1: Pilling box method (ISO 12945-1:2000).*

EN ISO 12945-2, *Textiles — Determination of fabric propensity to surface fuzing and to pilling — Part 2: Modified Martindale method (ISO 12945-2:2000).*

EN ISO 12952-1, *Textiles — Burning behaviour of bedding items — Part 1: General test methods for the ignitability by a smouldering cigarette (ISO 12952-1:1998).*

EN ISO 12952-2, *Textiles — Burning behaviour of bedding items — Part 2: Specific test methods for the ignitability by a smouldering cigarette (ISO 12952-2:1998).*

EN ISO 12952-3, *Textiles — Burning behaviour of bedding items — Part 3: General test methods for the ignitability by a small open flame (ISO 12952-3:1998).*

EN ISO 12952-4, *Textiles — Burning behaviour of bedding items — Part 4: Specific test methods for the ignitability by a small open flame (ISO 12952-4:1998).*

EN ISO 13934-1, *Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:1999).*

EN ISO 13938-1, *Textiles — Bursting properties of fabrics — Part 1: Hydraulic method for determination of bursting strength and bursting distension (ISO 13938-1:1999).*

EN ISO 13938-2, *Textiles — Bursting properties of fabrics — Part 2: Pneumatic method for determination of bursting strength and bursting distension (ISO 13938-2:1999).*

ISO 4915, *Textiles — Stitch types — Classification and terminology.*

ISO 4916, *Textiles — Seam types — Classification and terminology.*

ISO 5085-1, *Textiles — Determination of thermal resistance — Part 1: Low thermal resistance.*

ISO 11092, *Textiles — Physiological effects — Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test).*